

Title (en)

INSERT INTENDED FOR ASSEMBLING A FIRST PART AND A SECOND PART BY ELECTRIC RESISTANCE WELDING, AND ASSEMBLY METHOD USING THIS INSERT

Title (de)

EINSATZ ZUR MONTAGE EINES ERSTEN TEILS UND EINES ZWEITEN TEILS DURCH ELEKTRISCHES WIDERSTANDSSCHWEISSEN UND MONTAGEVERFAHREN MIT DIESEM EINSATZ

Title (fr)

INSERT DESTINÉ À L'ASSEMBLAGE D'UNE PREMIÈRE PIÈCE ET D'UNE DEUXIÈME PIÈCE PAR SOUDAGE ÉLECTRIQUE PAR RÉSISTANCE, ET PROCÉDÉ D'ASSEMBLAGE UTILISANT CET INSERT

Publication

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Application

EP 18728211 A 20180502

Priority

- FR 1753944 A 20170504
- FR 2018051094 W 20180502

Abstract (en)

[origin: WO2018202999A1] This insert (1) comprises: a head portion (2) comprising a docking face (20) configured to receive a welding electrode and a bearing surface (22) configured to come to bear on the first part (100) in order to keep the first part (100) assembled to the second part (200), a body portion (4) intended to be inserted into the first part (100), comprising a welding surface (40) configured to be welded to the second part (200), the body portion (4) having a cross section smaller than that of the head portion (2), and thermal decoupling means extending around the body portion (4) to prevent heat released by the body portion (4) from being transmitted to the first part (100) during the welding operation.

IPC 8 full level

B23K 11/00 (2006.01); **B23K 11/30** (2006.01)

CPC (source: EP US)

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